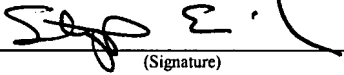


Atty. Dkt. No. SDUC1120-1
(041673-3202)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Woods, Virgil, L. Jr.
Title: METHODS FOR
CRYSTALLOGRAPHIC
STRUCTURE DETERMINATION
EMPLOYING HYDROGEN
EXCHANGE ANALYSIS
Appl. No.: 10/688,193
Filing Date: 10/17/2003
Examiner: Noakes, Suzanne Marie
Art Unit: 1656
Conf. No. 6673

<p align="center">CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p align="center"><u>Stephen E. Reiter</u> (Printed Name)</p> <p align="center"><u></u> (Signature)</p> <p align="center"><u>4/11/07</u> (Date of Deposit)</p>
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RESPONSE UNDER 37 CFR § 1.111 AND

AMENDMENT IN RESPONSE TO NOTICE UNDER 37 CFR §§1.821-825

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed October 12, 2006, please consider the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are included in the **Listing of Claims**, which begins on page 6 of this paper.

Remarks begin on page 15 of this paper.